

Replacing your water heaters every 3 or 4 years is not our business plan.

Brigade Condensing Water Heaters

6 full years of warranty protection with the first year of service on us!

Unmatched corrosion resistance for longer life

- All duplex stainless steel construction - AquaPLEX®
- Tank material is naturally corrosion resistant
- No tank linings needed and no anodes of any type required

Low operating costs

- Thermal efficiency up to 99%
- Extremely low standby losses

Easy user interface

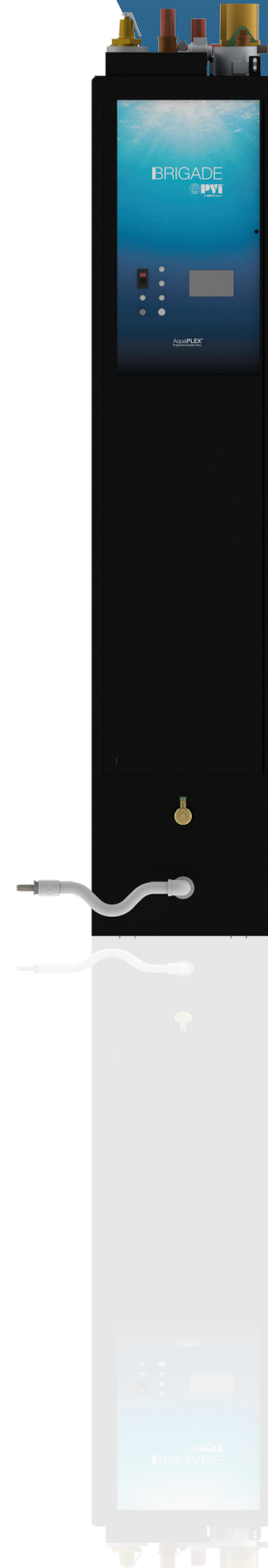
- Touch screen electronic operating control with “plain language” settings and 15-event history

Lower cost installation

- Vents through PVC or CPVC
- Low floorspace requirements. Fits through 36" doorways

Common size to replace existing heaters

- 199,000 BTU Input with 25 gallons of internal storage
- All construction for a greater margin of safety



Intertek



Intertek

NSF 5
NSF 372 lead-free

ASHRAE 90.1 - 2013 compliant
SCAQMD compliant

Product Longevity is the Key to a Strong Return on Investment

This scenario assumes the replacement of a glass-lined water heater every four years with 3% annual inflation. Operating costs of comparative condensing water heaters are assumed to be the same.

Water Heater Size:
199 MBH, 100 gallon

Brigade equipment
cost: \$7,800

Competitor's
equipment cost:
\$6,500

Installation cost:
\$4,500

| Equipment and Installation Costs @ 199,000 BTU | | | |
|--|-------------|------------------------|----------------------|
| Year | PVI Brigade | Glass Lined Competitor | Savings with Brigade |
| 0 | \$12,400 | \$11,000 | (\$1,400) |
| 3 | \$0 | \$12,020 | \$10,620 |
| 6 | \$0 | \$13,130 | \$23,750 |
| 9 | \$16,180 | \$14,350 | \$21,920 |
| 12 | \$0 | \$15,680 | \$37,600 |
| 15 | \$0 | \$17,140 | \$54,740 |
| Total | \$28,580 | \$83,320 | \$54,740 |

The Science Behind PVI's Longer Product Life

AquaPLEX duplex stainless steel is a remarkable water heater tank material that combines the characteristics of 300 series and 400 series stainless steels into a single alloy and captures the benefits of both. After all welding is completed, the tanks are submersion pickle-passivated to return the alloy to pristine condition and make it ready for service. Due to the material and the processing, AquaPLEX is inherently corrosion proof in potable water.

Why AquaPLEX Outlasts Glass-lined Tanks

Glass-lined steel water heaters last about four years in a higher volume restaurant application due to lining erosion, which increases as water gets hotter. The supplied anode rods are soon overwhelmed by the amount of exposed steel resulting in rust and eventual leaks in the water heater. AquaPLEX is not a lining and will not erode, nor does it require anodes.

Why AquaPLEX Outlasts Other Stainless Steels

Welding a stainless steel tank together often causes localized damage to the material making it lose its inherent corrosion resistance and shortening its produce life. However, PVI water heaters begin with a much stronger foundation and superior material selection with AquaPLEX. Due to its duplex grain structure, AquaPLEX is less susceptible to certain types of corrosion than the commonly used 304 and 316L stainless steels. PVI's unique pickle-passivation process returns the material to its optimum purity creating a superior water heater that outlasts the competition in both reliability and longevity.

AquaPLEX®
Engineered Duplex Alloy

